



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Application Number : 09/601,888
Applicant : Arthur Jing-Min Yang
Filed : August 9, 2000
Tech Cntr/AU : 1724
Examiner : Ivars C. Cintins
Entitled : Ion Separation Using a Surface-Treated Xerogel

Attorney Reference : 121747-40290714
Customer Number : 43569

Confirmation No. 3779

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

AMENDMENT/RESPONSE TRANSMITTAL

Transmitted herewith is an amendment/response for this application.

SMALL ENTITY STATUS

Applicant confirms that small business entity status is claimed in this application.

EXTENSION OF TIME

A petition for extension of time under 37 C.F.R. 1.136 for one month (PTO/SB/22) is attached hereto in duplicate.

CLAIM FEES


The claim fees have been calculated as follows:

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total	59	-	51	= 8 x \$ 9.00	= \$ 72.00
Independent	7	-	6	= 1 x \$ 43.00	= \$ 43.00
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM+ \$ 280.00					= \$ 0.00
TOTAL ADDITIONAL CLAIM FEE DUE					\$ 115.00

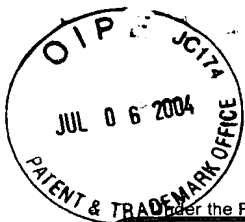
FEE PAYMENT

Authorization is made herein to charge the extension of time fee of **\$55.00 (Fee Code 2251)** and the additional claim fees of **\$115.00 (Fee Codes 2201 and 2202)**, as well as any deficiencies in the fees, or credit any overpayments, to Deposit Account No. 503-121 as set forth on the Fee Transmittal PTO/SB/17 (attached in duplicate).

Intellectual Property Department
Mayer Brown Rowe & Maw LLP
1909 K Street, N.W.
Washington, D.C. 20006-1101
(202) 263-3000 Telephone
(202) 263-3300 Facsimile


RICHARD A. STEINBERG
Registration No. 26,588

Date: July 6, 2004



PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 170.00

Complete if Known

Application Number	09/601,888
Filing Date	August 9, 2000
First Named Inventor	Arthur Jing-Min Yang
Examiner Name	Ivars C. Cintins
Art Unit	1724
Attorney Docket No.	121747-40290714

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 503-121
Deposit Account Name: Mayer Brown Rowe & Maw

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) or any underpayment of fee(s)
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims: 59
Independent Claims: 7
Multiple Dependent: 0
Extra Claims: 8
Fee from below: 9
Fee Paid: 72
3** = 1
43 = 43

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 115.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	55.00
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 55.00

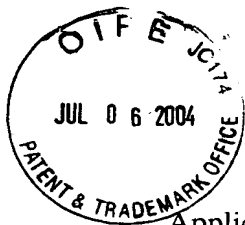
SUBMITTED BY

Name (Print/Type)	Richard A. Steinberg	Registration No. (Attorney/Agent)	26,588	Telephone	202-263-3325
Signature	Richard A. Steinberg	Date	July 6, 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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AMENDMENT AND RESPONSE

Sir:

In response to the Office Action/Restriction Requirement mailed May 4, 2004 for the above-identified application, amendments and/or remarks submitted herewith include:

- Amendments to the Claims with a complete claim listing; and
- Remarks and arguments.

07/09/2004 WASFAW1 00000044 503121 09601888

01 FC:2201 43.00 DA
02 FC:2202 72.00 DA